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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Philip John Burke and Richard John Knox

Serial No.: 09/445,865 Art Unit: 1642

Filed: February 11, 2000 Examiner: Nichol, G.

For: **THERAPEUTIC SYSTEMS**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT AND TRANSMITTAL OF SEQUENCE LISTING**

Sir:

Pursuant to 37 C.F.R. § 1.821-1.825, applicants enclose a 3 & 1/2" diskette containing a computer-readable form of the Sequence Listing as well as a paper copy of the Sequence Listing.

**Amendment**

**In the Specification**

Please amend the specification as follows.

On page 53, line 3, please delete the paragraph at lines 2 and 3 and insert in place thereof:

C - Figure 6 shows the nucleotide sequence of a cDNA encoding human NQO2 and its deduced amino acid sequence (SEQ ID NO:2).

On page 74, please delete the paragraph at lines 2 through 7 and insert in place thereof:

C<sup>2</sup> - 2) This was cloned into F58 cut NcoI/HindIII to produce the vector H1. F58 is a derivative of pBluescript II SK(+) (Stratagene) produced in house and incorporates an extra